| Ref<br># | Hits | Search Query  | DBs  | Default<br>Operator | Plurals | Time Stamp       |
|----------|------|---|--|---------------------|---------|------------------|
| S1       | 2    | (((QOS or (quality near2 of near2 service)) near3 negotia\$5) near3 client) and (((QOS or (quality near2 of near2 service)) near3 negotia\$5) near3 server)   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2004/07/07 10:43 |
| S2       | 4    | (((QOS or (quality near2 of near2 service)) near3 negotia\$5) with client) and (((QOS or (quality near2 of near2 service)) near3 negotia\$5) with server)   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2004/07/07 11:13 |
| S3       | 0    | ((QOS or (quality near2 of near2<br>service)) near3 negotia\$5) with<br>(multiple near3 transport near3<br>protocol)  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2004/07/07 10:52 |
| S4       | 6079 | 709/220,222,223,224,233,203,228.<br>ccls.   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2004/07/07 10:53 |
| S5       | 33.  | 709/220,222,223,224,233,203,228.<br>ccls. and ((QOS or (quality near2 of<br>near2 service)) near3 negotia\$5)   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2004/07/07 11:12 |
| S6       | 36   | 709/220,222,223,224,233,203,228.<br>ccls. and ((QOS or (quality near2 of<br>near2 service)) near3 (negotia\$5 or<br>broker))  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2004/07/07 12:16 |
| S7       | 4    | (((QOS or (quality near2 of near2 service)) near3 (negotia\$5 or broker)) with client) and (((QOS or (quality near2 of near2 service)) near3 (negotia\$5 or broker)) with server)   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2004/07/07-11:13 |
| S8       | 0    | ((QOS or (quality near2 of near2 service)) near3 (parameter or data or information)) with (buffer and bandwidth and cache)  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2004/07/07 12:17 |
| S9       | 0    | (((QOS or (quality near2 of near2 service)) near3 (negotia\$5 or broker)) and (client near3 application) and (server near3 application)) and (((QOS or (quality near2 of near2 service)) near3 (parameter or data or information)) with (buffer and bandwidth ).) | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2004/07/07 12:11 |
| S10      | 200  | ((QOS or (quality near2 of near2 service)) near3 (negotia\$5 or broker or arbitrator))  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2004/07/07 12:53 |

| S11        | 0    | (((QOS or (quality near2 of near2 service)) near3 (negotia\$5 or broker or arbitrator))) same (buffer and bandwidth and cache)  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/07/07 12:17 |
|------------|------|---|--|----|-----|------------------|
| <b>S12</b> | 0    | (((QOS or (quality near2 of near2 service)) near3 (negotia\$5 or broker or arbitrator))) same (buffer and bandwidth)  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/07/07 12:17 |
| S13        | 14   | ((QOS or (quality near2 of near2 service)) near3 (parameter or data or information)) with (buffer and bandwidth)  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/07/07 12:37 |
| S14        | 42   | ((QOS or (quality near2 of near2 service)) near3 (negotia\$5 or broker)) and (client near3 application) and (server near3 application)  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/07/07 14:28 |
| S15        | 2762 | (QOS or (quality near2 of near2 service)).ab.   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/07/07 12:54 |
| S16        | 7    | ((QOS or (quality near2 of near2<br>service)).ab.) and (adjust\$4 near4<br>(QOS or (quality near2 of near2<br>service)) near4 (data or parameter<br>or information))  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/07/07 13:13 |
| S17        | 15   | (adjust\$4 near4 (QOS or (quality<br>near2 of near2 service)) near4<br>(data or parameter or information))  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/07/07 13:35 |
| - S18      | 7    | (((QOS or (quality near2 of near2 service)) near3 (negotia\$5 or broker or arbitrator))) and (((adjust\$4 or chang\$3 or modif\$3) near4 (QOS or (quality near2 of near2 service)) near4 (data or parameter or information))) | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/07/07 13:36 |
| S19        | 13   | ("5065393"   "5408465"  <br>"5491797"   "5644715"   "5674003"<br>  "5732078"   "5802058"  <br>"5832197"   "5892754"   "5898668"<br>  "5946311"   "5948069"  <br>"5995490").PN.  | USPAT                                      | OR | OFF | 2004/07/07 13:46 |
| S20        | 15   | generic near3 (QOS or (quality near2 of near2 service))   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/07/07 14:40 |
| S21        | 1    | (QOS or (quality near2 of near2 service)) with negotia\$6 with request with response  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/07/07 16:03 |

| S22   | 17  | (QOS or (quality near2 of near2 service)) same negotia\$6 same request same response  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON <sup>.</sup> | 2004/07/07 14:49 |
|-------|-----|---|--|----|-----------------|------------------|
| S23   | 66  | (QOS or (quality near2 of near2 service)) same adjust\$4 same bandwidth   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON              | 2004/07/07 14:57 |
| S24   | 947 | ICMP or (internet near2 control near2 message near2 protocol)   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON              | 2004/07/07 14:57 |
| S25   | 7   | (ICMP or (internet near2 control<br>near2 message near2 protocol))<br>and ((QOS or (quality near2 of<br>near2 service)) same adjust\$4<br>same bandwidth) | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON              | 2004/07/07 14:57 |
| S26   | 275 | (QOS or (quality near2 of near2 service)) with negotia\$6   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON              | 2004/07/07 17:20 |
| S27   | 207 | ((QOS or (quality near2 of near2 service)) with negotia\$6 ) and request  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON              | 2004/07/07 16:05 |
| S28   | 57  | ((QOS or (quality near2 of near2 service)) with negotia\$6 ) same request   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON              | 2004/07/07 17:04 |
| S29   | 153 | 370/395.21:ccls.  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON              | 2004/07/07 17:04 |
| S30   | 12  | ((QOS or (quality near2 of near2 service)) with negotia\$6 ) and 370/395.21.ccls.   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON              | 2004/07/07 17:07 |
| S31.  | 94  | 370/395.21.ccls: and (QOS or (quality near2 of near2 service))  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON              | 2004/07/10 10:42 |
| S32   | 15  | 370/395.21.ccls. and ((QOS or (quality near2 of near2 service)) same negotia\$6)  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON              | 2004/07/10 10:59 |
| S33 a | 81  | (dynamic or change\$3) same (QOS or (quality near2 of near2 service)) same negotia\$6   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON              | 2005/04/05 15:28 |

| S34  | 1   | ("6640249").PN.  | USPAT;<br>USOCR   | OR   | OFF | 2004/07/10 13:55 |
|------|-----|--|---|------|-----|------------------|
| S35  | 0   | (("6640249").PN.) and ((QOS or<br>(quality near2 of near2 service))<br>same (buffer and bandwidth))  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | OR   | ON  | 2004/07/10 13:57 |
| S36  | 1   | ("6631122").PN.  | USPAT;<br>USOCR   | OR   | OFF | 2004/07/10 16:09 |
| S37  | 0   | (("6631122").PN.) and (ICMP or<br>(out near of near band))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2004/07/10 16:09 |
| S38  | 0   | (("6631122").PN.) and (ICMP or<br>(out near of near band))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON  | 2005/04/05 11:49 |
| S39. | 19  | (("5982748") or ("5530698") or<br>("5581544") or ("6021263") or<br>("6046981") or ("6212163") or<br>("6487168") or ("6700890") or<br>("6714972")).PN.                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2005/04/05 11:51 |
| S40  | 100 | ((client or user or node or<br>application) near4 (QOS or (quality<br>near2 of near2 service))) and<br>((server) near4 (QOS or (quality<br>near2 of near2 service))) | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | OR   | ON  | 2005/04/05 15:49 |
| S41  | 100 | ((client or user or node or<br>application) near4 (QOS or (quality<br>near2 of near2 service))) and<br>((server) near4 (QOS or (quality<br>near2 of near2 service))) | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | OR   | ON  | 2005/04/06 09:54 |
| S42  | 15  | S41 and (negotia\$6 near4 (QOS or (quality near2 of near2 service)))   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | OR . | ON  | 2005/04/06 09:54 |
| S43  | 2   | ("6529950").PN.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2005/04/07 10:35 |